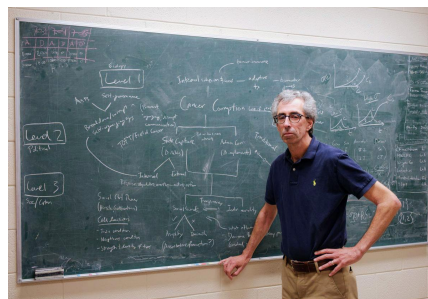


Our DNA 2024



Our DNA 2024

Our DNA, the annual magazine of the University of Utah School of Biological Sciences, explores groundbreaking research from tailocins and alternative antibiotics to profiles of emerging scientists and new faculty, offering a comprehensive look at cutting-edge biological discoveries. [>Read Our DNA](#)



Letter from the Director

Director Fred Adler celebrates the art of scientific discovery by showcasing faculty who uncover unexpected insights, transforming preconceptions and revealing the hidden complexities of life through innovative research and exploration. [>More](#)



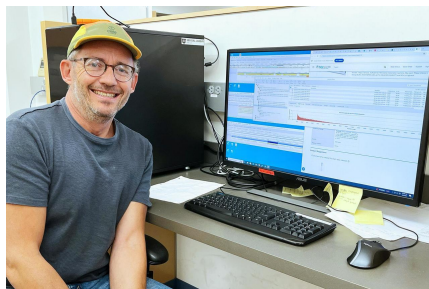
Tailocins and Antibiotics

Graduate student Talia Backman reveals how bacteria repurpose viruses, offering a potential new approach to combating antibiotic resistance and bacterial infections. [>More](#)



The Next Generation of Biologists

Three U biology students—Kimberly Gamarra, Mia Sheneman, and Nathan Patchen—demonstrate resilience and passion as they each pursue healthcare careers. [>More](#)



How Symbiosis Defines Evolution

Colin Dale leads an innovative collaborative study of bird lice, uncovering how symbiotic bacteria evolve through strategic gene loss, offering groundbreaking insights into evolutionary processes that could illuminate disease mechanisms. [>More](#)



New Faculty

Three new faculty—Eleinis Ávila-Lovera, Nicholas Vierra, and Luiza Aparecido—explore biological complexity across plant, neurological, and climate research, revealing intricate systems from molecules to ecosystems. [>More](#)



Christmas Trees & Climate Change

PhD student Tegan Lengyel reveals the environmental benefits of real Christmas trees, challenging holiday decorating assumptions with climate-conscious research. [>More](#)

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